

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 1 of 3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD, SYSTEM AND ARTICLE OF MANUFACTURE FOR RECOVERY FROM A FAILURE IN A CASCADING PPRC SYSTEM

the specification of which (check one)

XX is attached hereto.

 was filed on _____
as Application Serial Number _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Date</u>
---------------	----------------	-------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Number</u>	<u>Date</u>	<u>Status</u>
---------------	-------------	---------------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 2 of 3

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Dan Shifrin	#34,473	John H. Holcombe	#20,620
Jean M. Barkley	#39,541	Paik Saber	#37,494
Randall J. Bluestone	#40,518	Robert M. Sullivan	#39,391
Dale M. Crockatt	#35,109	John C. Kennel	#48,562
Abdy Raissinia	#38,686	John E. Hoel	#26,279
Edward A. Pennington	#32,588	Allen K. Bates	#50,276
William D. Gill	#44,124	Bryan W. Butler	#44,043
Christopher A. Hughes	#26,914	Barry J. Swanson	#33,215
Thomas D. Bratschun	#32,966	Margaret M. Wall	#33,462
Rosemary Kellogg	#39,726	Darla G. Yoerg	#48,053
Steven N. Hird	#51,112	James L. Brown	#48,576

SEND CORRESPONDENCE TO:

James L. Brown
Swanson & Bratschun, LLC
1745 Shea Center Drive, Suite 330
Highlands Ranch, Colorado 80129
CUSTOMER NUMBER 35825

DIRECT TELEPHONE CALLS TO:

James L. Brown
303.268.0066
303.268.0065 (FAX)
CUSTOMER NUMBER 35825

Full Name of Sole or FIRST and/or joint-inventor:

Robert F. Bartfai

Inventor's Signature:

Robert F. Bartfai

Date:

9/25/03

Residence:

TUCSON, ARIZONA

Citizenship:

United States

Post Office Address:

6340 North Placita Derrumbadera, Tucson, Arizona 85750

Full Name of Sole or SECOND and/or joint-inventor:

Michael E. Factor

Inventor's Signature:

Date:

Residence:

HAIFA, ISRAEL

Citizenship:

Israel


Post Office Address:

Rachel 32, Haifa 34402, Israel

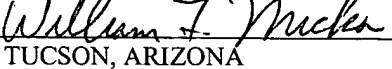
DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 3 of 3

Full Name of Sole or THIRD and/or joint-inventor: Gail A. Spear

Inventor's Signature:  Date: Sept 25, 2003
Residence: TUCSON, ARIZONA
Citizenship: United States
Post Office Address: 6822 East Fieldstone Lane, Tucson, Arizona 85750

Full Name of Sole or FOURTH and/or joint-inventor: William F. Micka

Inventor's Signature:  Date: 9/26/03
Residence: TUCSON, ARIZONA
Citizenship: United States
Post Office Address: 3921 East LaEspalda, Tucson, Arizona 85718

IBM DOCKET: TUC920030115US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**Page 1 of 3**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD, SYSTEM AND ARTICLE OF MANUFACTURE FOR RECOVERY FROM A FAILURE IN A CASCADING PPRC SYSTEM

the specification of which (check one)

☒ is attached hereto.☐ was filed on _____
as Application Serial Number _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

NumberCountryDate

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

NumberDateStatus

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IBM DOCKET: TUC920030116US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 2 of 3

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Dan Shifrin	#34,473	John H. Holcombe	#20,620
Jean M. Barkley	#39,541	Paik Saber	#37,494
Randall J. Blustone	#40,518	Robert M. Sullivan	#39,391
Dale M. Crockett	#35,109	John C. Kennel	#48,562
Abdy Raissinia	#38,686	John E. Hoel	#26,279
Edward A. Pennington	#32,588	Allen K. Bates	#50,276
William D. Gill	#44,124	Bryan W. Butler	#44,043
Christopher A. Hughes	#26,914	Barry J. Swanson	#33,215
Thomas D. Bratschun	#32,966	Margaret M. Wall	#33,462
Rosemary Kellogg	#39,726	Daria G. Young	#48,053
Steven N. Hird	#51,112	James L. Brown	#48,576

SEND CORRESPONDENCE TO:

James L. Brown
Swanson & Bratschun, LLC
1745 Shea Center Drive, Suite 330
Highlands Ranch, Colorado 80129
CUSTOMER NUMBER 35825


DIRECT TELEPHONE CALLS TO:

James L. Brown
303.268.0066
303.268.0065 (FAX)
CUSTOMER NUMBER 35825

Full Name of Sole or FIRST and/or joint-inventor: Robert F. Bartfai

Inventor's Signature: _____ Date: _____
Residence: TUCSON, ARIZONA
Citizenship: United States
Post Office Address: 6340 North Placita Derrumbadera, Tucson, Arizona 85750

Full Name of Sole or SECOND and/or joint-inventor: Michael E. Factor

Inventor's Signature:  Date: 25-Sep-2003
Residence: HAIFA, ISRAEL
Citizenship: Israel, USA
Post Office Address: Rachel 32, Haifa 34402, Israel